

CENTRALIZED SYSTEMS

**AgSTAR National Conference:
Anaerobic Digestion for Livestock Waste Management
and Energy Production**

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ENVIRONOMICS**

**The Millennium Hotel
St. Louis, Missouri
March 24-25, 2004**

EXPERIENCES

- Putting a system together
- Building a system
- Operating a system

EXPERIENCES

- MEAD Tillamook, Oregon
- 5 Formal Centralized Digester Studies
- Chino, Inland Empire

TAKE HOME MESSAGE

- Don't be surprised how things turn out.
- Be informed in formulating your expectations.....
and the likelihood of achieving your expectations.

EXPERIENCE SAYS:

PAY ATTENTION TO:

KEY FEATURES

***KEY!!* FEATURES:**

“FATAL FLAWS”

SHOW STOPPERS

THE VERY FIRST STEP

PERFORM A

**“FIRST CUT” ASSESSMENTS
OF FEASIBILITY**

BASIC CONCEPT

Functional System Components

ORGANIC WASTES ARE:

- Produced
- Collected
- Transported
- Treated
- Benefits derived

To Achieve Goals, System Must be:

Operated
Managed
Financed
Organized

PROJECT DEVELOPMENT MODEL

Organized

Financed

Managed

Operated

Waste
Produced ➡ Collected ➡ Transported ➡ Treated ➡ Benefits
Derived

PROJECT DEVELOPMENT MODEL

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**Waste
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Derived**

...and remember.....

THERE MAY BE

MANY A SLIP

‘TWIXT CUP AND LIP

REVIEW ORGANIZATIONAL ISSUES

- Driver-Project Motivation
- Point person
- Lead Organization
- Competent Specialized Assistance

REVIEW

PRODUCTION....COLLECTION

TREATMENT....BENEFITS

Potential "Fatal Flaw":
Unless the organic waste is
within a reasonable
trucking distance, don't
bother with the project.



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FINANCIAL

- Industry Future
- Marketing-Proximity to Population Center
- Reasonable Cost Expectations
- Reasonable Income Expectations

PASS MUSTER?

MOVE FORWARD

TAKE HOME MESSAGE

- Don't be surprised how things turn out.

LESSON FROM EXPERIENCE:

- **BE AN INFORMED BUYER**
- **KNOW AND UNDERSTAND
COMPLEXITIES INVOLVED**
- **DO YOUR HOMEWORK**

RESOURCES AVAILABLE

AURI (Agricultural Utilization and Research Institute) “Self Assessment Checklists”

waste2profits.com



THANK YOU

WASTE2PROFITS.COM